

# Converting Colors

YUV(60.5090, 54.9651,  
-36.4034)

Have a look what the booklet for  
YUV(60.5090, 54.9651, -36.4034)  
contains.

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# Color

**YUV(60.5090, 54.9651,  
-36.4034)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	133CAC
RGB	19, 60, 172
RGB Percent	7%, 24%, 67%
CMY	0.9255, 0.7647, 0.3255
CMYK	0.89, 0.65, 0.00, 0.33
HSL	224°, 80%, 37%
HSV	224°, 89%, 67%
XYZ	9.3308, 6.3487, 39.7634
YIQ	60.5090, -60.3880, 26.1400

# Conversions

## Conversions Part 2

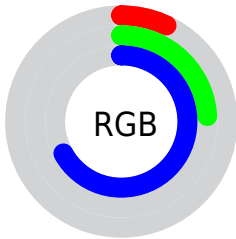
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	19, 51, 172
Decimal	1260716
CIE Lab	30.28, 31.19, -63.17
CIE LCh	30, 70.452, 296.278
Yxy	6.3487, 0.1683, 0.1145
Android (android.graphics.Color)	4279450796 (0xFF133CAC)
YUV	60.5090, 54.9651, -36.4034
Hunter-Lab	25.1967, 22.0078, -75.9291

# Details

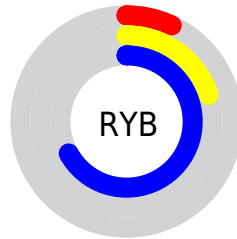
The YUV color **60.5090, 54.9651, -36.4034** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **130.4910, -54.9651, 36.4034**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5050, 54.4740, -18.8599**, and **25.1920, 45.7543, -22.0934** is the 20% darker color. If you saturate the color by 10%, you get **47.7950, 61.2331, -40.1622**, and if you desaturate by 10%, it is **73.2230, 48.6971, -32.6446**.

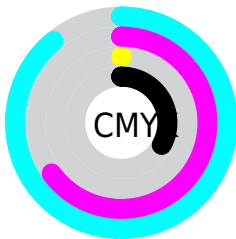
# Distribution



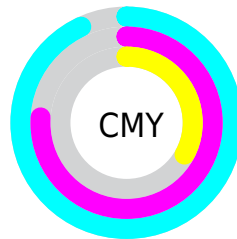
- Red (7%)
- Green (24%)
- Blue (67%)



- Red (7%)
- Yellow (20%)
- Blue (67%)



- Cyan (89%)
- Magenta (65%)
- Yellow (0%)
- Black (33%)



- Cyan (93%)
- Magenta (76%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 60.5090, 54.9651, -36.4034 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 60.5090, 54.9651, -36.4034 by changing the saturation by 10% instead.



■ 60.5090, 54.9651,  
-36.4034

■ 60.5090, 54.9651,  
-36.4034

■ 255.0000, 0.0000,  
0.0000

■ 39.4230, 52.0495,  
-34.5740

■ 117.5050, 54.4740,  
-18.8599

■ 25.1920, 45.7543,  
-22.0934

■ 144.5270, 54.4632,  
-15.3712

■ 10.6020, 40.6222,  
-9.2980

■ 168.7590, 42.5168,  
-10.3126

■ 12.4480, 27.3871,  
-10.9169

■ 193.2790, 30.4285,  
-6.3837

■ 6.8910, 18.7877,  
-6.0434

■ 218.6850, 17.9033,  
-2.3547

■ 3.2090, 9.7570,  
-2.8143

■ 244.3900, 5.2307,

■ 0.0000, 0.0000,

2.2890

0.0000

■ 60.5090, 54.9651,  
-36.4034

■ 60.5090, 54.9651,  
-36.4034

■ 47.7950, 61.2331,  
-40.1622

■ 73.2230, 48.6971,  
-32.6446

■ 46.6100, 61.8173,  
-40.8770

■ 85.3500, 42.7185,  
-28.3709

■ 98.3630, 36.3030,  
-23.9974

■ 110.4900, 30.3244,  
-19.7237

■ 123.2040, 24.0564,  
-15.9649

■ 135.9180, 17.7884,  
-12.2061

■ 148.0450, 11.8098,  
-7.9325

■ 161.0580, 5.3944,  
-3.5589

■ 173.1850, -0.5842,  
0.7148

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1100, 56.6408, -60.6095



60.5090, 54.9651, -36.4034



56.6570, 37.6371, 61.6908

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.5090, 54.9651, -36.4034



62.3720, -30.7494, 62.8178



60.5990, 1.1837, -53.1453

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.5090, 54.9651, -36.4034



130.4910, -54.9651, 36.4034

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.2430, -25.7558, -45.8171



60.5090, 54.9651, -36.4034



67.4350, -33.2455, 23.2975

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5090, 54.9651, -36.4034



50.3200, -11.4968, 94.4354



59.4960, -29.3315, -18.8520



67.5700, 25.3550, -59.2589



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5090, 54.9651, -36.4034



56.7340, 20.8371, 83.5483



59.4960, -29.3315, -18.8520



58.3190, -7.5523, -51.1458

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.5090, 54.9651, -36.4034



180.2320, 21.5776, -14.2355



121.3510, 3.7710, -89.7618



85.9740, 12.8308, -8.7472



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5090, 54.9651, -36.4034



60.7560, 80.4793, -53.2830



46.3090, 61.9657, 4.9910



80.2000, 3.3524, -1.9294



40.5800, 53.9441, -35.5887



6.1440, 8.3100, -5.3883



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.4210, -4.6446, 89.9618



73.8160, -6.8113, 131.7114



144.6910, -61.9657, -4.9910



80.9190, -0.4531, 5.3330



49.4100, -4.6391, 88.2174

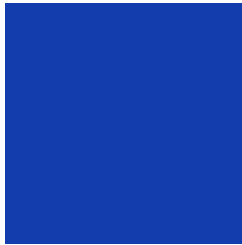


7.5610, -0.7696, 13.5400



# Previews

## White Background



This preview shows how the YUV color 60.5090, 54.9651, -36.4034 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 60.5090, 54.9651, -36.4034 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

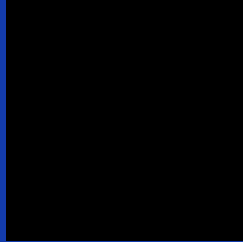
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 60.5090, 54.9651, -36.4034

## Background



This preview shows how black text looks on a background with the YUV color 60.5090, 54.9651, -36.4034.



This preview shows how white text looks on a background with the YUV color 60.5090, 54.9651,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

60.5090, 54.9651, -36.4034

### Protanopia

57.0330, 43.3677, -50.0179

### Deuteranopia

56.9870, 33.0374, -49.9776



## Tritanopia

55.9490, 13.8291, -49.0673

# Trichromacy



## Original Color

60.5090, 54.9651, -36.4034

## Protanomaly

58.5050, 47.5720, -45.1699

## Deuteranomaly

58.0830, 40.8781, -44.7998

## Tritanomaly

57.5810, 28.8006, -44.3595

# Monochromacy



## Original Color

60.5090, 54.9651, -36.4034

## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

61.0750, 19.6830, -13.2208

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 60.5090, 54.9651, -36.4034 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(19, 60, 172)` looks like.

```
.text, #text, p{  
    color:rgb(19, 60, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(19, 60, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 60, 172) }
```

## Border

The CSS property to change the border of an element to YUV 60.5090, 54.9651, -36.4034 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(19, 60, 172) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(19, 60, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(19, 60, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 60, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 60, 172);  
box-shadow:4px 4px 4px 4px rgb(19, 60,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 60.5090, 54.9651, -36.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 60, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(19, 60,  
172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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